

ABSTRACT OF THE DISCLOSURE

Embodiments of the present invention include a computer-implemented method and system for estimating water consumption within a facility (e.g. residential, industrial, educational, medical, environmental, business, government facilities, etc.). More specifically, embodiments of the present invention estimate facility operation-specific water consumptions based on user-defined data. Another aspect of the present invention automatically generates a graphical water table for the facility. As an alternative to real-world or "current" data, users may specify hypothetical facility and operational data and characteristics as part of a "what-if" scenario to identify opportunities for improvement or optimization of facility water consumption. Notably, user-defined data and characteristics may be modified, updated or supplemented at any time. "What-if" and ROI analyses are also supported.